

Listing of amended claims

Claims 1-21 (cancelled)

Claim 22 (new) Transgenic plant seed, wherein the genome of said seed comprises a recombinant polynucleotide encoding a polypeptide selected from the group consisting of S-adenosylmethionine decarboxylase and deoxyhypusine synthase, and wherein plants grown from said seed exhibit enhanced yield.

Claim 23 (new) Transgenic plant seed of claim 22, wherein said seed is from a maize plant or a soybean plant.

Claim 24 (new) A method of producing a plant having an enhanced phenotype, wherein said method comprises transforming plant cells with a recombinant polynucleotide comprising a promoter functional in a plant cell operably joined to encoding sequence for a polypeptide selected from the group consisting of S-adenosylmethionine decarboxylase and deoxyhypusine synthase, regenerating plants from said cells, and screening said plants to identify a plant having an enhanced phenotype.

Claim 25 (new) A method of claim 24, wherein said enhanced phenotype is increased yield.

Claim 26 (new) A method of claim 24, wherein said plant is a maize plant or a soybean plant.

Claim 27 (new) A recombinant polynucleotide comprising a promoter function in a plant cell operably joined to DNA sequence encoding a polypeptide selected from the group consisting of S-adenosylmethionine decarboxylase and deoxyhypusine synthase, wherein said promoter is selected from the group consisting of a rice actin promoter, a glutelin 1 promoter and a PPDK promoter.